

# PATENT ABSTRACTS OF JAPAN

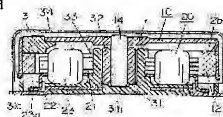
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**B06B 1/04****B06B 1/16****H02K 7/075****H02K 21/22**(21)Application number : **2000-019819**(71)Applicant : **MATSUSHITA ELECTRIC IND CO LTD**(22)Date of filing : **28.01.2000**(72)Inventor : **YOSHIDA SHIGERU  
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TSUZAKI TOSHIKI****(54) BRUSHLESS VIBRATION MOTOR****(57)Abstract:**

**PROBLEM TO BE SOLVED:** To obtain a brushless vibration motor which assures a great generated vibration quantity by using an eccentric weight and may be made further smaller in size and thickness while assuring safety by taking the same into a motor case.

**SOLUTION:** A rotor 10 has a magnet 12 and the eccentric weight 13. The magnet is magnetized to multiple poles in a rotating direction to generate drive magnetic fields and the eccentric weight is formed of material having the specific gravity greater than the specific gravity of the magnet. Both are so formed that the rotating space region of the magnet 12 and the rotating space region of the eccentric weight 13 overlap on each other. The magnet 12 is a cylindrical body of which the envelope has an outside diameter, an inside diameter and a height. The magnet is constituted by cutting off a region of part therein to form a space and disposing the eccentric weight 13 in the formed space.

**LEGAL STATUS**

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